NC/QC/PD/MW-01/2017-18/YC-PCC1 **Date: 26-02-2018**

1. TESTING OF COARSE AND FINE AGGREGATES:

Sub: Testing of Coarse and Fine aggregates to be used for M-10 grade concrete .
{Project*: Additional works to Yoga center (Phase-2) at Survey No.33 Mallasandra in Ward No.13.}
Ref.: Material testing/PMC/17-18,
Report Required for: Assistant Executive Engineer,
Project Division, Dasarahalli Zone,
BBMP, Bangalore.
Name of the Agency/Contractor*: Technical Manager, KRIDL.

1. COARSE AGGRGATES Table - SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage passing	Requirements as per IS 383-1970 (Reaffirmed on 2007) % Passing	
	40 mm Sample	Single size	Graded
40mm	**98.30**	85-100	95 – 100
20mm	**64.10**	0 -20	30- 70
10mm	**17.85**	0 -5	10- 35
4.75mm	**3.40**	------	0- 5

2. FINE AGGREGATES TABLE - SIEVE ANALYSIS :

IS Sieve Size, mm	Percentage Passing	Specification as Per IS: 383-1970(Reaffirmed 2002) Percentage Passing			Remarks
		Zone-I	Zone-II	Zone –III	
04.75	**97.95**	90-100	90-100	90-100	The Sample Conforms to Grading **Zone-II**
02.36	**84.20**	60-95	75-100	85-100	
01.18	**69.15**	30-70	55-90	75-100	
600. mic	**41.65**	15-34	35-59	60-79	
300.mic	**16.05**	5-20	8-30	12-40	
150.mic	**7.60**	0-10	0-10	0-10	

*As Furnished by Client.
The Results relate only to the items tested.

KIRAN. R
M.E, (Civil-Engg)

For Newzen Consultants Bangalore

Proprietor

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